

### Amendment to the Claims:

#### Claims 1-7 (Withdrawn)

8. (Currently Amended) A transgenic mouse whose genome comprises a homozygous disruption in the Cer1 gene, said gene comprising ~~thea~~ a nucleotide sequence set forth in SEQ ID NO: 1, ~~wherein the disruption comprises a disruption of the nucleotide sequence set forth in SEQ ID NO: 1, and~~ wherein said transgenic mouse exhibits, relative to a wild-type mouse, a phenotype selected from the group consisting of a increased anxiety ~~decrease in average velocity of movement during open field testing, a decrease in total distance traveled during open field testing, an increase in the number of fecal boli during open field testing, and a decrease in total time immobile during the tail suspension test.~~

#### Claim 9 (Withdrawn)

10. (Currently Amended) A method of producing ~~thea~~ a transgenic mouse of claim 8 ~~comprising a homozygous disruption in a cerberus gene set forth in SEQ ID NO: 1, the method comprising:~~
- (a) introducing a construct that targets the nucleotide sequence set forth in SEQ ID NO: 1 into a mouse embryonic stem cell;
  - (b) introducing the embryonic stem cell into a blastocyst;
  - (c) implanting the resulting blastocyst into a pseudopregnant mouse, wherein said pseudopregnant mouse gives birth to a chimeric mouse; and
  - (d) breeding the chimeric mouse to produce ~~the said~~ transgenic mouse comprising a disruption in the cerberus gene, wherein the transgenic mouse when homozygous for the disruption exhibits, relative to a wild type mouse, a phenotype selected from the group consisting of a decrease in average velocity of movement during open field testing, a decrease in total distance traveled during open field testing, an increase in the number of fecal boli during open field testing, and a decrease in total time immobile during the tail suspension test.

#### Claims 11-16 (Withdrawn)

17. (New). The transgenic mouse of claim 1 further exhibiting anti-depressive behavior and/or hypoactivity.